

CLAIMS

1. Fitting particularly for high-pressure pipes, characterised in that it comprises means for holding a nut at the end of a high-pressure pipe defined by at least one deformation of the walls of the end zone of said pipe and reaction means for keeping said deformation substantially unaltered.

2. Fitting according to claim 1, characterised in that it comprises engagement means with a first sealing gasket with a pipe union arranged at the front end of said pipe.

3. Fitting according to one or more of the previous claims, characterised in that said deformation comprises various widenings extending annularly on said end of said pipe with different sized diameters.

4. Fitting according to one or more of the previous claims, characterised in that said reaction means comprise a cap having a flaring head and at least one annular rib housed on its cylindrical body.

5. Fitting according to one or more of the previous claims, characterised in that said reaction means comprise a first bend extending radially with respect to said deformation.

6. Fitting according to one or more of the previous claims, characterised in that said first bend has a second bend extending parallel to the axis of said pipe.

7. Fitting according to one or more of the previous claims, characterised in that said deformation comprises a first and second widening, the latter having a greater diameter than

said first widening, said first and second bend defining a stiffening for said first and second widening.

8. Fitting according to one or more of the previous claims, characterised in that said first engagement means are respectively defined by said cap or by said first bend.

9. Fitting according to one or more of the previous claims, characterised in that it has second engagement means defined by said second widening having, inside said pipe, an annular seat for housing a second sealing gasket with the head of said cap.

10. Fitting according to one or more of the previous claims, characterised in that said cylindrical body of said cap comprises at least three ribs engaged on the inner surface of said first widening.

11. Fitting according to one or more of the previous claims, characterised in that said nut abuts against said second widening.

12. Process for making a fitting particularly for high-pressure pipes according to one or more of the previous claims, characterised in that it consists of slotting a nut in said pipe, radially deforming the end zone of said pipe through a roto-translating tool and making reaction means for keeping said deformation substantially unaltered when subjected to the pulling force of said nut when it is associated with a connection element.

13. Process according to one or more of the previous claims, characterised in that the making of said reaction

means consists of introducing a cap in the end of said pipe.

14. Process according to one or more of the previous claims, characterised in that the making of said reaction means consists of making a bend radially to said pipe.

15. Tool for the deformation of an end of a pipe for a high-pressure fitting carried out according to one or more of the previous claims, characterised in that it comprises at least two coaxial widenings of different diameters suitable for deforming the end of the pipe by plastic deformation of the material.